

Abstract

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Incorporating Human Values in a Strategic Wildfire Management Model

Track: EMS, Fire, Disaster Management

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The changing nature of wildfires in recent years and the growing urban wildland interface make it necessary to incorporate human values into both tactical and strategic fire models. These values are both quantitative (e.g., property and timber values) and qualitative (e.g., favored vistas and perceived vulnerability to fire) and impact the ways in which managers plan for and fight wildfire. This paper discusses the creation of spatial datasets in ArcInfo that model both quantitative and qualitative landscape values for strategic wildfire management.

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